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PATENT

Attorney Docket No. F-5495 DIV (0360-0172.01)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	)
Tom Westberg et al.	)
Serial No.: 10/828,359	)
Filed: April 20, 2004	)
Group Art No.: 3762	)
Examiner: Unknown	)
For: FLUID PRESSURE ACTUATED BLOOD PUMPING SYSTEMS AND METHODS WITH CONTINUOUS INFLOW AND PULSATILE OUTFLOW CONDITIONS	,)))))

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EV643273351US

Date of Deposit: January 17, 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office Box Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box DAC, Commissioner for Patents, Washington, DC 20231.

NAME <u>Diane G. Kapil</u>

SIGNATURE 🖊

Box DAC Commissioner for Patents Washington, DC 20231

# PETITION TO ACCORD A FILING DATE TO A PATENT APPLICATION UNDER 37 C.F.R. 1.10(d)

Sir:

Applicants hereby petition that this patent application be accorded a filing date of April 20, 2004. As set forth below, Applicants believe this application was mailed to the United States Patent and Trademark Office on April 20, 2004, and the date of April 17, 2004 was incorrectly entered by the U.S. Postal Service on the Express Mail label.

Applicants are promptly filing this petition after unsuccessful attempts before the Office for correction of filing receipts.

It is respectfully submitted that the application was actually filed on Tuesday, April 20, 2004, and that the U.S. Postal Service put the wrong date of April 17, 2004, on the Express Mail label. This petition includes several documents which corroborate Applicants' belief that the requested filing date of April 20, 2004, was the actual date that the application was deposited with the U.S. Postal Service.

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The first document is a copy of the Express Mail label, which is enclosed herein as Exhibit A. The Express Mail label appears to be incorrect on its face. The date on the label, April 17, 2004, was a Saturday. We note that the Post Office marked the Express Mail label to indicate that delivery would take place on the following day (which was a Sunday) by noon. It is respectfully submitted that it is unlikely that the U.S. Postal Service would deliver by noon on a Sunday. Therefore, we believe that the Express Mail label is incorrect on its face.

In addition, the following documents, which accompanied the application when it was filed, indicate that the correct filing date is April 20, 2004. These documents are enclosed herein and include:

- 1. The New Application Transmittal, bearing the same Express Mail Label number (EV318693190US), bears a certificate of service signed and dated April 20, 2004 (Exhibit B).
- 2. The Information Disclosure Statement, bearing the same Express Mail Label number (EV318693190US), bears a certificate of service signed and dated April 20, 2004 (Exhibit C).
- 3. Check (number 14580), for the filing fee of \$770.00, is dated April 20, 2004 (Exhibit D).
- 4. The Return Receipt Postcard that accompanied the application, bearing the same Express Mail Label number is dated April 20, 2004 (Exhibit E).
- 5. A copy of the Filing Receipt with what is believed to be the correct filing date (Exhibit F).

Accordingly, please correct the Filing Receipt to reflect the correct filing date of April 20, 2004.

Respectfully submitted,

Date: Jan. 17, 2006

Gary W. McFarron

Registration No. 27,357

Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd. 200 West Adams St., Suite 2850 Chicago, IL 60606 Telephone: (312) 236-8500 Attorneys for Applicant



Attorney Docket No. F-5495 DIV (0360-0172.01)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	
Tom Westberg et al.	CERTIFICATE OF MAILING BY "EXPRESS MAIL"
Serial No.: 10/828,359	"Express Mail" Mailing Label No.: EV643273351US  Date of Deposit: January 17, 2006
Filed: April 20, 2004	I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post
Group Art No.: 3762	Office Box Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box DAC, Commissioner for Patents, Washington, DC 20231.
Examiner: Unknown	)
For: FLUID PRESSURE ACTUATED BLOOD PUMPING SYSTEMS AND METHODS WITH CONTINUOUS INFLOW AND PULSATILE	NAME Diane G. Kapil  SIGNATURE ALANE G. Kapil  NAME Diane G. Kapil
OUTFLOW CONDITIONS	)

Box DAC Commissioner for Patents Washington, DC 20231

#### Certificate of Mailing Under 37 CFR 1.10

I hereby certify that the correspondence listed below is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service, **Label No. EV643273351US** under 37 CFR 1.10 on January 17, 2006 and is addressed to: Box DAC, Commissioner for Patents, Washington, DC 20231:

- 1. Certificate of Mailing.
- 2. Petition To Accord A Filing Date To A Patent Application Under 37 C.F.R. 110(d).
- 3. Return Receipt Postcard.

Name: Diane G Kapil

Signature:

EV643273351US

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PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AIGXAI IC	1110, V/C	
		NEW APPLICATION TRANSMITTAL Under 37 CFR § 1.53(b)
Transm	itted her	rewith for filing is the patent application of
invento	r(s):	Tom Westberg; Mark Vandlik; and Rohit Vishnoi
WARNIN		F.R. § 1.41(a)(1) points out:  patent is applied for in the name or names of the actual inventor or inventors.  (1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(c). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1. 53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors.
For (title	e): 	Fluid Pressure Actuated Blood Pumping Systems and Methods with Continuous Inflow and Pulsatile Outflow Conditions
1.	Type o This ne [×] [ ]	f Application w application is for a(n) Original (nonprovisional) Design Plant
NOTE:	WHERE	the following 3 items apply then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE OF THIS CONTINUATION APPLICATION.
	[]	Divisional. Continuation. Continuation-in-part (C-I-P).
2.	Benefi [x]	t of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121)  The new application being transmitted claims the benefit of prior U.S. application(s).  Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
		CERTIFICATION UNDER 37 C.F.R. 1.10*
United S	tates Post	t this New Application Transmittal and the documents referred to as attached therein are being deposited with the al Service on this date 20 April 2004, in an envelope as 'Express Mail Post Office to Addressee' mailing Label (AG 3 1900) addressed as follows: Mail Stop Patent Application, Patents, PO Box 1450, Alexandria, VA 22313-1450
	,	(type or print name of person mailing paper)  Signature of person mailing paper
		$\smile$

(Application Transmittal - page 1 of 5)

	A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 Design) Application
	Pages of specification Pages of claims Abstract Sheets of drawing [x] formal [] informal
	B. Other documents enclosed:
4.	Additional papers enclosed
	<ul> <li>Preliminary Amendment</li> <li>Information Disclosure Statement (37 C.F.R. 1.98)</li> <li>Form PTO-1449 (PTO/SB/08A and 08B)</li> <li>Citations</li> <li>Declaration of Biological Deposit</li> <li>Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.</li> <li>Authorization of Attorney(s) to Accept and Follow Instructions from Representative</li> <li>Special Comments</li> <li>Other</li> </ul>
5.	Declaration or oath
	[ ] Enclosed [ ] newly executed [ ] copy from parent application identified above
	Executed by (check all applicable boxes)  [ ] inventor(s).  [ ] legal representative of inventor(s).  [ ] joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.  [ ] This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See Item 13 below for fee.
	<ul> <li>[x] Not Enclosed.</li> <li>[x] Application is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of all the above named inventor(s). (The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently).</li> </ul>
6.	Inventorship Statement The inventorship for all the claims in this application are:  [x] The same.  [ Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made  [ ] is submitted.  [ 1 will be submitted.

**Papers Enclosed** 

3.

7.	Langu [×]	age English Non-En	alish		ation includes	a stateme	nt that the trans	slation is accurate. 37
8.	Assign [x]	nment An assi [ ] [ x ] [ ]	is attached ACCOMP attached. will follow.	d. A sepa ANYING I	ion to <u>Baxte</u> rate [ ] COV NEW PATENT ent application i	ER SHEET APPLICA	FFOR ASSIGNI TION or [ ] FOR	MENT (DOCUMENT) RM PTO 1595 is also
9.	CERTI	FIED CO	PY					
	Certifie	ed copy(ie	es) of appli	cation(s)				
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	Country	<u>.</u>			Appln. No.			Filed
	from w	hich prio	rity is claim	ed				
	[ ]	is (are) will follo	attached. w.					
NOTE:	The forei		ion forming th	e basis for th	e clam for priority r	nust be referr	ed to in the oath or d	eclaration. 37 CFR 1.55(a)
10.	Fee Ca	ılculatioı	n (37 C.F.F	₹. 1.16)				
	A.	[ x ]	Regular a	pplication				
			<u> </u>		CLAIMS AS FIL	.ED		
				Number Filed	Number Included in Basic Fee	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$770.00
Total C	laims 37 (	CFR 1.16(c	)	1	-20 =	(19)	x \$ 18.00	\$O ·
Indepe	ndent Clai	ms (37 CF)	R 1.16(b)	1	-3 =	(2)	x \$ 86.00	\$0
Multiple CFR 1.		ent claim(s)	if any (37				\$290.00	\$0
FILIN	G FEE (	CALCUL	ATION					\$770
		[]	Amendme	nt deleting	ing extra claim g multiple-depe is not being pa Filing Fee	ndencies e	enclosed. ime.	770.00

	В.	[ ]	Design application (\$340.00 - 37 CFR 1.16(f)) Filing Fee Calculation	
	C.	[ ]	Plant application (\$530.00 - 37 CFR 1.16(g)) Filing Fee Calculation	· 
11.	Small [ ]	The a	Statement  pplicant is a Small Entity as defined by 37 CFR 1.  status.  Small Entity Filing Fee:	
12.	Fee P	ayment Not Er [ ] Enclos [×] [ ]	Filing fee Recording assignment	. 16(e) can be paid subsequently.)770.00
		[]	(\$40.00; 37 C.F.R. 1.21(h)) Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. 1.47 and 1.17(i) For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. 1.52(d) and 1.17(k) Processing and retention fee (\$130.00; 37 C.F.R. 1.53(d) and 1.21(l)) Fee for international-type search report	
			(\$40.00; 37 C.F.R. 1.21(e))  Total fees enclosed	770.00
13.	<b>Meth</b> [×] [ ]	Chec	ayment of Fees k in the amount of \$770.00 ge Account No in the amount of blicate of this transmittal is attached.	
14.	Auth [×]		n to Charge Additional Fees Commissioner is hereby authorized to charge the foliaring the entire pendency of this application to Ac 37 C.F.R. 1.16(a), (f) or (g) (filing fees) 37 C.F.R. 1.16(b), (c) and (d) (presentation of 37 C.F.R. 1.16(e) (surcharge for filing the basic flater than the filing date of the application) 37 C.F.R. §§ 1.17(a)(I-5) (extension fees pursuant C.F.R. 1.17 (application processing fees) 37 C.F.R. 1.18 (issue fee at or before mailing of C.F.R. 1.311(b))	extra claims)  Tiling fee and/or declaration on a date  Juant to § 1.136(a)).

15.	instru	ctions as to Overpaying	
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	o. 29,24 o.: (262)	43 783 - 1300	SIGNATURE OF PRACTITIONER  Daniel D. Ryan  (type or print name of attorney)  RYAN KROMHOLZ & MANION, S.C.  (P.O. Address)  Post Office Box 26618  MILWAUKEE, WISCONSIN 53226
			and Pages are Added
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	[ x ]	Plus Added Pa Application(s) C	age for New Application Transmittal Where Benefit of Prior U.S. Claimed
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	[ ]	This transmittal	ends with this page.

PATENT

# ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

- NOTE: "In order for an application to claim the benefit of a prior filed copending national application, the prior application must name as an inventor at least one inventor named in the later filed application and disclose the named inventor's invention claimed in at least one claim of the later filed application in the manner provided by the first paragraph of 35 U.S.C. 112." 37 CFR 1.78(a).
- NOTE: "IN ADDITION THE PRIOR APPLICATION MUST BE (1) COMPLETE AS SET FORTH IN S 1.51, OR (2) ENTITLED TO A FILING DATE AS SET FORTH IN S 1.53(B) AND INCLUDE THE BASIC FILING FEE SET FORTH IN S 1.16; OR (3) ENTITLED TO A FILING DATE AS SET FORTH IN S 1.53(B) AND HAVE PAID THEREIN THE PROCESSING AND RETENTION FEE SET FORTH IN S 1.21(L) WITHIN THE TIME PERIOD SET FORTH IN S 1.53(D). "37 CFR 1.78(A).
- 16. Relate Back-35 U.S.C. 120
- NOTE: "ANY APPLICATION CLAIMING THE BENEFIT OF A PRIOR FILED COPENDING NATIONAL OR INTERNATIONAL APPLICATION MUST CONTAIN OR BE AMENDED TO CONTAIN IN THE FIRST SENTENCE OF THE SPECIFICATION FOLLOWING THE TITLE A REFERENCE TO SUCH PRIOR APPLICATION IDENTIFYING IT BY SERIAL NUMBER AND FILING DATE OR INTERNATIONAL APPLICATION NUMBER AND INTERNATIONAL FILING DATE AND INDICATING THE RELATIONSHIP OF THE APPLICATIONS." 37 CFR 1.78(A). SEE ALSO THE NOTICE OF APRIL 28, 1987 (1079 O.G. 32 TO 46).
  - [X] The specification includes the following recitation:

Related Applications:

This application claims the benefit of co-pending application Serial No. 09/390,265 filed 3 September 1999 and entitled "Fluid Pressure Actuated Blood Pumping Systems and Methods with Continuous Inflow and Pulsatile Outflow Conditions". This application also claims the benefit of copending patent application Serial No. 09/390,268 filed 3 September 1999 and entitled "Programmable Fluid Pressure Actuated Blood Processing Systems and Methods".

- NOTE: THE PROPER REFERENCE TO A PRIOR FILED PCT APPLICATION WHICH ENTERED THE U.S. NATIONAL PHASE IS THE U.S. SERIAL NUMBER AND THE FILING DATE OF THE PCT APPLICATION WHICH DESIGNATED THE U.S.
- NOTE: (1) WHERE THE APPLICATION BEING TRANSMITTED ADDS SUBJECT MATTER TO THE INTERNATIONAL APPLICATION THEN THE FILING CAN BE AS A CONTINUATION-IN-PART OR (2) IT IS DESIRED TO DO SO FOR OTHER REASONS, E.G. WHERE NO DECLARATION IS AVAILABLE, NO ENGLISH TRANSLATION IS AVAILABLE OR NO FEE IS TO BE PAID ON FILING THEN THE FILING CAN BE AS A CONTINUATION. IN THESE CASES THE INTERNATIONAL APPLICATION DESIGNATING THE U.S. IS TREATED AS THE PARENT CASE IN THE U.S. AND IS ANALTERNATIVE TO THE COMPLETION OF THE INTERNATIONAL APPLICATION UNDER 35 U.S.C. 371(C)(4) WHICH MUST MEET THE REQUIREMENTS OF 37 CFR 1.61(A). THIS ALTERNATIVE PERMITS THE COMPLETION OF THE FILING REQUIREMENTS WITHIN ANY TERM SET BY THE PTO UNDER 37 CFR 1.53(D) TO WHICH THE EXTENSION PROVISIONS OF 37 CFR 1.136(A) APPLY. (WHEREAS, IF THE FILING IS AS AN INTERNATIONAL APPLICATION ENTERING THE U.S. STAGE THEN THE FEE, DECLARATION AND/OR ENGLISH TRANSLATION (WHERE NECESSARY) IS DUE WITHIN 20 MONTHS OF THE PRIORITY DATE BUT CAN BE PAID WITHIN 22 MONTHS OF THE PRIORITY DATE (OR IS DUE WITHIN 30 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE
- NOTE: THE DEADLINE FOR ENTERING THE NATIONAL PHASE IN THE U.S. FOR AN INTERNATIONAL APPLICATION WAS CLARIFIED IN THE NOTICE OF APRIL 28, 1987 (1079 O.G. 32 TO 46) AS FOLLOWS:

"The Patent and Trademark Office considers the International application to be pending until the 22nd month from the priority date if the United States has been designated and no Demand for International Preliminary Examination has been filed prior to the expiration of the 19th month from the priority date and until the 32nd month from the priority date if a Demand for International Preliminary Examination which elected the United States of America has been filed prior to the expiration of the 19th month from the priority date, provided that a copy of the international application has been communicated to the Patent

and Trademark Office within the 20 or 30 month period respectively. If a copy of the international application has not been communicated to the Patent and Trademark Office within the 20 or 30 month period respectively, the international application becomes abandoned as to the United States 20 or 30 months from the priority date respectively. These periods have been placed in the rules as paragraph (h) of \$ 1.494 and paragraph (i) of \$ 1.495. A continuing application under 35 U.S.C. 365(c) and 120 may be filed anytime during the pendency of the international application."

17.	Relate Back-35 U.S.C.	119 Priority Claim fo	r Prior Application
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	The ide	e pr ntifi	ior ed	U.S. abo	applica e in ite	tion(s), includin m 17, in turn its	g any pric self claim(	or International Ap s) foreign priority	plication designating the U.S., (ies) as follows:
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<b>18.</b> NOTE:	The	PTC	) fir	nds it u	seful if a o	endency of Pr copy of the petition of of the continuation	filed in the pr		g the term for response is filed with the
	A.		[	]	Exten	sion of time in A petition, for application un A copy of the	ee and re	sponse extends	the term in the pending prior ation is attached
	В.		[	]	Condi	A conditional prior applicat	petition for ion.	or extension of tim	Prior Application ne is being filed in the pending the prior application is attached
19.	Fu	rthe	er li	nver	ıtorship	Statement W	here Ber	efit of Prior App	lication(s) Claimed
NOTE:		licatio are i		atata	mant milet	accompany the apr	dication whei	n tilea realiestina deletic	an all the inventors named in the prior on of the names of the person or persons in-part, or divisional application. 37 CFR
NOTE:	In ti deci	he ca Iarati	se on a	of a c	ontinuation uired by	n-in-part application § 1.63 must be file	d. In those s	ituations where a new	disclosure by amendment, an oath or toath or declaration is required due to

additional subject matter being claimed, additional inventors may be named in the continuing application. In a continuation or divisional application which discloses and claims only subject matter disclosed in a prior application, no additional oath or declaration is required and the application must name as inventors the same or less than all the inventors in the prior

application. 37 cfr 1.60(c). (Dealing with the continuation situation).

	(a)	[]	nis application discloses and claims only subject matter disclosed in the prior pplication whose particulars are set out above and the inventor(s) in this pplication are  [ the same.
			the following inventor(s) have been added:
	(b)	[ ]	this application discloses and claims additional disclosure and a new eclaration or oath is being filed. With respect to the prior application the eventor(s) in this application are  the same.  the following inventor(s) have been deleted:
			the following inventor(s) have been added:
	(c)	The integral [x]	ntorship for all the claims in this application are ne same. ot the same, and an explanation, including the ownership of the various claims the time the last claimed invention was made is submitted. will be submitted.
20.	Aband	Please when t	of Prior Application (if applicable) bandon the prior application at a time while the prior application is pending or e petition for extension of time or to revive in that application is granted and application is granted a filing date so as to make this application copending prior application.
NOTE:	CONTINE OF TIME APPLICA	UATION-I. E OR A P ATION CO	HE NOTICE OF MAY 13, 1983 (103, TMOG 6-7) THE FILING OF A CONTINUATION OR PART APPLICATION IS A PROPER RESPONSE WITH RESPECT TO A PETITION FOR EXTENSION ITION TO REVIVE AND SHOULD INCLUDE THE EXPRESS ABANDONMENT OF THE PRIOR INTIONED UPON THE GRANTING OF A FILING DATE TO PPLICATION.

Docket No. F-5495 DIV

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Westberg et al.

Serial No.:

Unknown Unknown

Filed: For:

Fluid Pressure Actuated Blood Pumping Systems and Methods with Continuous Inflow

and Pulsatile Outflow Conditions

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 CFR 1.97(b))

NOTE: "An information disclosure statement shall be considered by the Office if filed: (1) within three months of the filing date of a national application; (2) within three months of the date of entry of the national stage as set forth in S 1.491 in an international application; or (3) before the mailing date of a first Office action on the merits, whichever event occurs last." 37 CFR 1.97(b).

NOTE: The "filing date of a national application" under 37 CFR 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 CFR 1.53(b) as "the date on which: (1) A specification containing a description pursuant to S 1.71 and at least one claim pursuant to S 1.75; and (2) any drawing required by S 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by S 1.41." 37 CFR 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. S 371(c) within the periods set forth in S 1.494 or S 1.495. 35 U.S.C. S 371(c) requires the filing of the following: (1) the national fee; (2) a copy of the international application, unless already sent by the International Bureau, and an English translation if filed in another language; (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. 37 CFR 1.97(b)(2).

# IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed WITHIN THREE MONTHS OF THE FILING DATE OF THE APPLICATION OR DATE OF ENTRY INTO THE NATIONAL STAGE OF AN INTERNATIONAL APPLICATION OR BEFORE THE MAILING DATE OF A FIRST OFFICE ACTION ON THE MERITS, WHICHEVER EVENT OCCURS LAST. 37 CFR 1.97(b).

NOTE "NO CERTIFICATION OR FEE IS DUE WHEN THE FILING IS MADE WITHIN THE ABOVE TIME PERIOD. IT IS ADVISABLE TO ENSURE THAT NO OFFICE ACTION HAS BEEN MAILED IF THE DISCLOSURE STATEMENT IS DELAYED UNTIL AFTER THREE MONTHS FROM FILING.

NOTE: "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 CFR 1.8, or Express Mail certificate under 37 CFR 1.10. An Office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

#### CERTIFICATE OF MAILING (37 CFR 1.8(a)) or (37 CFR 1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United State Postal Service on the date shown below as Express Mail Label No.  $\frac{\mathcal{EV}3186931900}{2131319000}$  in an envelope addressed as follows: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450

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NOTE:

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NOTE:

"An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 CFR 1.142) or just a requirement for additional fees to have a claim considered (37 CFR 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

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The submission of any document herewith is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima face* prior art reference against the claims of the present application.

COPIES OF THE DOCUMENTS LISTED ON THE ATTACHED FORM PTO-1449 CAN BE FOUND IN THE FILE WRAPPER OF PARENT APPLICATION SERIAL NO. 09/390,265 FILED 3 September 1999 AND ARE THEREFORE NOT INCLUDED WITH THIS SUBMISSION.

Should any fees be necessary in connection with this submission, please charge same to Account No. 06-2360.

Date 20 April 2004

Reg. No. 29,243

Telephone No.: (262) 783-1300

Signature of Attorney of Record

Daniel D. Ryan

Type or Print Name of Attorney of Record

RYAN KROMHOLZ & MANION, S.C.

Post Office Box 26618

Milwaukee, Wisconsin 53226-0618

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ATTY DOCKET NO. F-5495 DIV SERIAL NO.

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Westberg et al.

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,	3,919,722	11/1975	Harmison			
	4,162,543	07/1979	Shumakov et al.			
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	4,428,744	01/1984	Edelson			
١	4,467,844	08/1984	DiGianfilippo et al.			
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-	4,648,430	03/1987	DiGianfilippo et al.			
_	4,657,529	04/1987	Prince et al.			
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	5,200,090	04/1993	Ford et al.			
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-	5,438,510	08/1995	Bryant et al.		ļ	
-	5,593,290	01/1997	Greisch et al.		<del> </del>	
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-	5,718,248	02/1998	Trumble et al.		ļ	<u> </u>
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٠.	6,495,366	12/2002	Briggs			

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ATTY DOCKET NO. F-5495 DIV	SERIAL NO. Unknown	
APPLICANT Westberg et al.		
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	4,479,761	10/1984	Bilstad et al.			
,	5,746,708	05/1998	Giesler et al.			
v	4,486,189	12/1984	Troutner et al.	ļ		
		05/1989	Weiss et al.		· ·	
	5,344,568	09/1994	Kitaevich et al.		<u> </u>	
·	5,921,951	07/1999	Morris		-	
, y	E 070 E47	12/1993	Barone et al.	<u> </u>	ļ	
		10/1990	Williamson IV			
	4,410,341	10/1983	Edwards et al.			
		08/1972	Grote			
<b></b> . *		05/1984	Bilstad et al.		<u> </u>	
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	4,526,515	07/1985	Devries			
	5,232,437	08/1993	Lysaght et al.		ļ <u>.</u>	
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	5,762,791	06/1998	Deniega		<u> </u>	
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		1141			100	<u> </u>

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. ,	4,828,543	5/9/89	Weiss et al.			
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- ,	4,479,761	10/30/84	Bilstad et al		ļ	
• .	5,921,951	7/13/99	Morris	-	-	
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	5,989,438	11/23/99	Fumiyama	ļ		
	5,482,440	1/9/96	Dennehey et al	<u> </u>	-	
• .	5,871,693	2/16/99	Lindsay	<u> </u>	<del> </del>	
	5,311,908	5/17/94	Barone et al.			
- 1	5,462,416	10/31/95	Dennehey et al.			<u> </u>

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. ,	5,938,634	08/17/99	Packard	ļ		
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	6,106,498	08/22/00	Friedli et al			
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	4,816,019	03/28/89	Kamen	ļ		
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, ,	4,858,883	08/22/89	Webster			
, _	6,071,423	06/06/00	Brown et al	-		
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• •	5,437,624	08/01/95	Langley			
• .	5,438,510	08/01/95	Bryant et al		ļ <u>-</u>	
• ,	5,474,683	12/12/95	Bryant et al		<u> </u>	
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• -	W0 97/02059	1997	PCT			
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	WO 96/40319	1996	PCT			

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, -	WO 96/40328	1996	PCT			
	WO 95/20985	1995	PCT			
-	WO 97/09074	1997	PCT			

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 Therakos Brochure Circa 1998	

EXAMINER	DATE CONSIDERED

Original - tent application of Tom Westber Mark Vandlik and Rohit ishnoi entitled Fluid Pressure \_\_tuated Blood Pumping Systems and Methods with Continuous Inflow and Pulsatile Outflow Conditions, consisting of: transmittal letter with added pages for US priority claim; 132 pages specification; l page claims; l page abstract; 41 sheets of formal drawings; information disclosure statement (without copies of references); and Check No. 14580 - \$770.00

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Exhibit D



Original patent application of Tom Westberg Mark Vandlik and Rohit shnoi entitled Fluid Pressure A mated Blood Pumping Systems and Methods with Continuous Inflow and Pulsatile Outflow Conditions, consisting of: transmittal letter with added pages for US priority claim; 132 pages specification; 1 page claims; 1 page abstract; 41 sheets of formal drawings; information disclosure statement (without copies of references); and Check No. 14580 - \$770.00

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RYAN KROMHOLZ & MANION, S.C.

Post Office Box 26618 MILWAUKEE, WI 53226 **FILING RECEIPT** 

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Date Mailed: 06/29/2004

**CONFIRMATION NO. 4891** 

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Tom Westberg, Residence Not Provided; Mark Vandlik, Residence Not Provided; Rohit Vishnoi, Residence Not Provided:

**Assignment For Published Patent Application** 

Baxter International Inc.;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 06/29/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

**Early Publication Request: No** 

Title

Fluid pressure actuated blood pumping systems and methods with continuous inflow and pulsatile outflow conditions

Exhibit F

604

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